

0590
1023

#2

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/900,147

DATE: 01/02/2002

TIME: 14:58:17

Input Set : N:\Crf3\RULE60\09900147.raw

Output Set: N:\CRF3\01022002\I900147.raw

1 <110> APPLICANT: La Thangue, Nicholas B
 2 Bandara, Lasantha R
 3 <120> TITLE OF INVENTION: Peptide antagonists of DP transcription factors
 4 <130> FILE REFERENCE: 620-67
 5 <140> CURRENT APPLICATION NUMBER: 09/900,147
 6 <141> CURRENT FILING DATE: 2001-07-09
 7 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/308,935
 W--> 8 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-05-27
 9 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: GB 9626589.7
 W--> 10 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1996-12-20
 11 <160> NUMBER OF SEQ ID NOS: 18
 12 <170> SOFTWARE: PatentIn Ver. 2.1
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 37
 16 <212> TYPE: PRT
 17 <213> ORGANISM: Artificial Sequence
 18 <220> FEATURE:
 19 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 20 <400> SEQUENCE: 1
 21 Lys Asn Ile Arg Arg Arg Val Tyr Asp Ala Leu Asn Val Leu Met Ala
 22 1 5 10 15
 23 Met Asn Ile Ile Ser Lys Glu Lys Lys Glu Ile Lys Trp Ile Gly Leu
 24 20 25 30
 25 Pro Thr Asn Ser Ala
 26 35
 28 <210> SEQ ID NO: 2
 29 <211> LENGTH: 9
 30 <212> TYPE: PRT
 31 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 34 <400> SEQUENCE: 2
 35 Asn Val Leu Met Ala Met Asn Ile Ile
 36 1 5
 38 <210> SEQ ID NO: 3
 39 <211> LENGTH: 19
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 44 <400> SEQUENCE: 3
 45 Arg Arg Arg Val Tyr Asp Ala Leu Asn Val Leu Met Ala Met Asn Ile
 46 1 5 10 15
 47 Ile Ser Lys
 49 <210> SEQ ID NO: 4
 50 <211> LENGTH: 20
 51 <212> TYPE: PRT

ENTERED

RAW SEQUENCE LISTING

DATE: 01/02/2002

PATENT APPLICATION: US/09/900,147

TIME: 14:58:17

Input Set : N:\Crf3\RULE60\09900147.raw

Output Set: N:\CRF3\01022002\I900147.raw

```

52 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
55 <400> SEQUENCE: 4
56     Asn Val Leu Met Ala Met Asn Ile Ile Ser Lys Glu Lys Lys Glu Ile
57         1             5             10             15
58     Lys Trp Ile Gly
59         20
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 16
63 <212> TYPE: PRT
64 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
67 <400> SEQUENCE: 5
68     Arg Val Tyr Asp Ala Leu Asn Val Leu Met Ala Met Asn Ile Ile Ser
69         1             5             10             15
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 30
73 <212> TYPE: PRT
74 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
77 <400> SEQUENCE: 6
78     Tyr Asp Ala Leu Asn Val Leu Met Ala Met Asn Ile Ile Ser Lys Glu
79         1             5             10             15
80     Lys Lys Glu Ile Lys Trp Ile Gly Leu Pro Thr Asn Ser Ala
81         20             25             30
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 7
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
89 <400> SEQUENCE: 7
90     Ala Leu Asn Val Leu Met Ala
91         1             5
93 <210> SEQ ID NO: 8
94 <211> LENGTH: 16
95 <212> TYPE: PRT
96 <213> ORGANISM: Drosophila melanogaster
97 <400> SEQUENCE: 8
98     Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
99         1             5             10             15
101 <210> SEQ ID NO: 9
102 <211> LENGTH: 11
103 <212> TYPE: PRT
104 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 01/02/2002

PATENT APPLICATION: US/09/900,147

TIME: 14:58:17

Input Set : N:\Crf3\RULE60\09900147.raw

Output Set: N:\CRF3\01022002\I900147.raw

```

106 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
107 <400> SEQUENCE: 9
108     Arg Arg Arg Val Tyr Asp Ala Leu Asn Val Leu
109         1             5             10
111 <210> SEQ ID NO: 10
112 <211> LENGTH: 15
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
117 <400> SEQUENCE: 10
118     Glu Lys Lys Glu Ile Lys Trp Ile Gly Leu Pro Thr Asn Ser Ala
119         1             5             10             15
121 <210> SEQ ID NO: 11
122 <211> LENGTH: 14
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
127 <400> SEQUENCE: 11
128     Arg Arg Val Tyr Asp Ala Leu Asn Val Leu Met Ala Met Asn
129         1             5             10
131 <210> SEQ ID NO: 12
132 <211> LENGTH: 12
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
137 <400> SEQUENCE: 12
138     Asn Glu Ser Ala Tyr Asp Gln Lys Asn Ile Arg Arg
139         1             5             10
141 <210> SEQ ID NO: 13
142 <211> LENGTH: 15
143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
147 <400> SEQUENCE: 13
148     Asn Leu Val Gln Arg Asn Arg Gln Ala Glu Gln Gln Ala Arg Arg
149         1             5             10             15
151 <210> SEQ ID NO: 14
152 <211> LENGTH: 15
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
157 <400> SEQUENCE: 14
158     Glu Val Glu Arg Gln Arg Arg Leu Glu Arg Ile Lys Gln Lys Gln
159         1             5             10             15

```

RAW SEQUENCE LISTING

DATE: 01/02/2002

PATENT APPLICATION: US/09/900,147

TIME: 14:58:17

Input Set : N:\Crf3\RULE60\09900147.raw

Output Set: N:\CRF3\01022002\I900147.raw

```

161 <210> SEQ ID NO: 15
162 <211> LENGTH: 19
163 <212> TYPE: PRT
164 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutant peptide
167 <400> SEQUENCE: 15
168   Arg Arg Arg Ala Tyr Asp Ala Leu Asn Ala Leu Met Ala Met Asn Ile
169       1           5           10           15
170   Ile Ser Lys
172 <210> SEQ ID NO: 16
173 <211> LENGTH: 19
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutant peptide
178 <400> SEQUENCE: 16
179   Arg Ala Arg Val Tyr Ala Ala Leu Asn Val Leu Met Ala Met Asn Ile
180       1           5           10           15
181   Ile Ser Lys
183 <210> SEQ ID NO: 17
184 <211> LENGTH: 19
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutant peptide
189 <400> SEQUENCE: 17
190   Arg Arg Arg Val Tyr Asp Ala Arg Asn Val Arg Met Ala Met Asn Ile
191       1           5           10           15
192   Ile Ser Lys
194 <210> SEQ ID NO: 18
195 <211> LENGTH: 30
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence:
200   Oligonucleotide
201 <400> SEQUENCE: 18
202   cgtgtctacg atggcggaaa tgtgctaatag

```

30

VERIFICATION SUMMARY

DATE: 01/02/2002

PATENT APPLICATION: US/09/900,147

TIME: 14:58:18

Input Set : N:\Crf3\RULE60\09900147.raw

Output Set: N:\CRF3\01022002\I900147.raw

L:8 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD

L:10 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD